THE CONTRACTOR SHALL NOTIFY DIG SAFE® AT 811 PRIOR TO ANY EXCAVATION

NEW PAVED TRANSITION BETWEEN EXISTING PAVED PATH AND SIDEWALK

PAVED STANDING AREA

EXISTING CONCRETE SIDEWALK

EXISTING BUS LOADING ZONE

EXISTING CURBED CONCRETE ISLAND TO REMAIN

ONLY BUS

EXPANDED BUS LOADING ZONE

EXISTING BIKE RACK

BROWNS RIVER MIDDLE SCHOOL

GARDEN

GAZEBO

BRMS STAFF PARKING (47 SPACES)

SNOW STORAGE

EXIST. GOAL

NEW GOAL

EXISTING SOCCER FIELD LIMITS

NEW SOCCER FIELD LIMITS

NEW CHAIN LINK FENCE

NEW SOCCER FIELD LAYOUT TO BE COMPLETED BY OWNER

EXISTING SOCCER FIELD LIMITS

NEW 5' WIDE MEDIAN ISLAND

NEW EDGE OF PAVEMENT

EXISTING GRAVEL TO BE REMOVED

NEW CONCRETE SIDEWALK

NEW STUDENT LOADING ZONE

EXISTING GRASS ISLAND AND TREES TO BE REMOVED

NEW PAINTED ISLAND

16 SPACES

17 SPACES

EXISTING GRASS ISLAND AND TREE TO BE REMOVED

DUMPSTER

UD ACCESSIBLE PARKING SPACES

EXIST. BASKETBALL COURT

TYPICAL NEW PAVEMENT AND SUBBASE

NEW 5' PAVED PATH

EXISTING PAVED SIDEWALK

BUS LOADING ZONE (TRANSFERS ONLY)

STAFF PARKING

DAVID COLLINS 1.0 ACRE N/F

RIVER ROAD

NEW 5' WIDE MEDIAN ISLAND

TYPICAL BOULDER

SHORT TERM PARKING / PICK-UP & DROP-OFF ONLY (24 SPACES)

SNOW STORAGE

NEW CONCRETE CURB AND 5' SIDEWALK

EXISTING CURBED CONCRETE ISLAND TO REMAIN

EXISTING CONCRETE SIDEWALK

STUDENT LOADING ZONE (NO PARKING)

EXISTING BIKE RACK

UNDERHILL I.D.

received April 14 2016

GRAPHIC SCALE

30 0 15 30 60 120

(In feet)

1 inch = 30 ft.

NOTES:

1. THE PURPOSE OF THIS PLAN IS TO PRESENT THE EXISTING AND PROPOSED PARKING AND CIRCULATION FOR THE UNDERHILL I.D. AND BROWNS RIVER MIDDLE SCHOOL. SEE OTHER PLANS FOR ADDITIONAL SITE DETAILS.

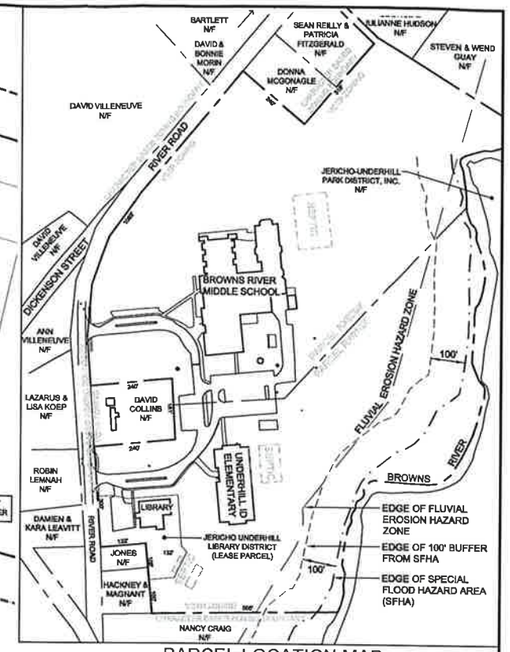
2. THE BOUNDARY INFORMATION SHOWN ON THIS PLAN IS BASED UPON THE FOLLOWING:
   - PROPOSED LEASE PARCEL FOR THE JERICHO/UNDERHILL LIBRARY DISTRICT, PREPARED BY LAMOUREUX, STONE, A O'LEARY CONSULTING ENGINEERS, INC. DATED 4-18-1997.
   - PLAT OF SURVEY FOR MELVIN BRAMAN & MARGUERITE BRAMAN, BY JOHN A. MARSH, L.S., DATED 01-26-1984, AND RECORDED IN MAP BOOK 3, PAGE 60, MAP 70 OF THE JERICHO LAND RECORDS.
   - TAX MAP DATA

   THE LOCATION OF PROPERTY LINES ARE APPROXIMATE AND SUITABLE ONLY FOR THE PURPOSES OF THIS PLAN.

3. UTILITIES INFORMATION SHOWN ON THIS PLAN IS BASED UPON A LIMITED FIELD SURVEY AND IS NOT COMPLETE. ADDITIONAL BURIED UTILITIES EXIST ON THE SITE WITHIN THE AREA OF THE PROPOSED WORK. THE CONTRACTOR SHALL NOTIFY DIGSAFE AND THE JERICHO-UNDERHILL WATER DISTRICT PRIOR TO ANY EXCAVATION.

LEGEND

- PROPERTY LINE
- ABUTTING PROPERTY LINE
- SETBACK
- 678 EXISTING GROUND CONTOUR
- EXISTING BRUSH LINE
- EXISTING OVERHEAD WIRE WITH UTILITY POLE AND GUY
- EXISTING CATCH BASIN
- EXISTING TREES
- PROPOSED TREE
- PROPOSED BOULDER
- PROPOSED BASE COURSE PAVEMENT & SUBBASE
- PROPOSED PAVEMENT (NEW BASE COURSE ON EXISTING GRAVEL SUBBASE)
- PROPOSED CONCRETE SIDEWALK
- EXISTING PAVEMENT/SIDEWALK/GRAVEL TO BE REMOVED & REPLACED WITH GRASS



PARCEL LOCATION MAP

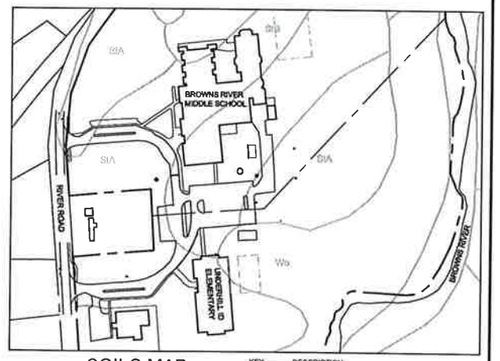
SCALE: 1" = 200'

PARCEL LOCATION MAP NOTES:

1. THE SPECIAL FLOOD HAZARD AREA (ZONE AE) WAS OBTAINED FROM THE FLOOD INSURANCE RATE MAP FOR CHITTENDEN COUNTY, VERMONT, MAP NUMBER 50007C0189D, WITH AN EFFECTIVE DATE OF JULY 18, 2011.

2. THE FLUVIAL EROSION HAZARD ZONE WAS OBTAINED FROM JERICHO MAP VIEWER DATA, DEVELOPED BY THE CHITTENDEN COUNTY REGIONAL PLANNING COMMISSION.

3. THE 100 FEET WIDE BUFFER ALONG THE SPECIAL FLOOD HAZARD AREA IS PRESCRIBED BY THE RIVER OVERLAY DISTRICT OF THE JERICHO LAND USE AND DEVELOPMENT REGULATIONS.



SOILS MAP

SCALE: 1" = 200'

KEY	DESCRIPTION
BIA	BELGRADE & ELDRIDGE LOAMY FINE SAND
SIA	STETSON GRAVELLY FINE SANDY LOAM
SIB	STETSON GRAVELLY FINE SANDY LOAM
Wo	WINOOSKI VERY FINE SANDY LOAM

SHEET INDEX

PARCEL DATA

PARCEL ID	RV010X & RV020X
PROJECT AREA	33.3 ACRES
ZONING DISTRICT	VILLAGE CENTER (VCTR)
OVERLAY DISTRICT	RIVER OVERLAY
MAX. LOT COVERAGE	60%
MIN. SETBACKS	FRONT = 25 FEET
	SIDE = 10 FEET
	REAR = 20 FEET

PARKING DATA:
REQUIRED PARKING = 127 SPACES
0.25 SPACES PER STUDENT FOR ELEMENTARY & SECONDARY SCHOOLS
0.3 SPACES PER STUDENT FOR PRESCHOOLS
491 STUDENTS X 0.25 SPACES/STUDENT = 123 SPACES
17 STUDENTS X 0.3 SPACES/STUDENT = 5 SPACES
TOTAL REQUIRED PARKING = 128 SPACES

PROPOSED PARKING = 131 SPACES

EXISTING PARKING = 98 SPACES

BIKE PARKING DATA:
REQUIRED BIKE PARKING = 26 BIKE SPACES
1 BIKE SPACE REQUIRED FOR EVERY 5 VEHICLE PARKING SPACES

LOT COVERAGE:
EXISTING LOT COVERAGE = 14% (4.67 AC / 33.3 AC)

PROPOSED LOT COVERAGE = 16% (5.20 AC / 33.3 AC)

APPROVAL BY THE JERICHO DEVELOPMENT REVIEW BOARD

ON THE ____ DAY OF _____, 2016 SUBJECT TO ALL CONDITIONS AND REQUIREMENTS ATTACHED TO PERMIT #_____.

_____, CHAIR
JERICHO DEVELOPMENT REVIEW BOARD

DATE_____, 2016

Date	Revision	By

These plans shall only be used for the purpose shown below:

- ☐ Sketch/Concept
- ☐ Preliminary
- ■ Final Local Review
- ☐ Act 250 Review
- ☐ Construction
- ☐ Record Drawing

MOUNT MANSFIELD MODIFIED UNION SCHOOL DISTRICT

RIVER ROAD JERICHO, VERMONT

OVERALL SITE PLAN

PROPOSED PARKING AND CIRCULATION IMPROVEMENTS

Project No.	13113
Survey	JKR
Design	ABR/CESU
Drawn	ABR
Checked	DJG
Date	03-28-16
Scale	
Sheet number	1

Lamoureux & Dickinson
Consulting Engineers, Inc.
14 Morse Drive, Essex, VT 05452
802-878-4450 www.LDengineering.com

THE CONTRACTOR SHALL NOTIFY DIG SAFE® AT 811 PRIOR TO ANY EXCAVATION.

RIVER ROAD

PAVED STANDING AREA

EXISTING CONCRETE SIDEWALK

EXISTING BUS LOADING ZONE

EXISTING CURBED CONCRETE ISLAND

NEW 5' WIDE MEDIAN ISLAND

NEW EDGE OF PAVEMENT

TYPICAL COLD PLANE AREA

BROWNS RIVER MIDDLE SCHOOL

EXISTING PAVED RAMP

GARAGE

PRIOR TO PAVING, THE CONTRACTOR SHALL COORDINATE WITH THE OWNER ON THE FINAL LIMITS OF THE PAVEMENT OVERLAY AT THE LOADING AREA / SERVICE ENTRANCE

TYPICAL COLD PLANE AREA, COLD PLANE TO OVERLAY DEPTH TO MAINTAIN DRAINAGE AWAY FROM GARAGE DOOR

GARDEN

GAZEBO

NEW CHAIN LINK FENCE

NEW CONCRETE SIDEWALK

CONCRETE SIDEWALK

PAVED SIDEWALK

NEW CONCRETE SIDEWALK

NEW CONCRETE SIDEWALK

NEW SIDEWALK

DUMPSTER

EXIST. BASKETBALL COURT

NEW 8' PAVED PATH

EXISTING PAVED SIDEWALK

UNDERHILL I.D.

NEW 5' WIDE MEDIAN ISLAND

BUS LOADING ZONE

NEW SIDEWALK

CONCRETE SIDEWALK

EXISTING CURBED CONCRETE ISLAND

EXISTING CONCRETE SIDEWALK

NEW SIDEWALK

received 4/4/16

GRAPHIC SCALE

30 0 15 30 60 120

(in feet)

1 inch = 30 ft.

LEGEND

- PROPERTY LINE
- ABUTTING PROPERTY LINE
- 678 EXISTING GROUND CONTOUR
- EXISTING BRUSH LINE
- EXISTING OVERHEAD WIRE WITH UTILITY POLE AND GUY
- EXISTING CATCH BASIN
- EXISTING TREES
- PROPOSED WEARING COURSE / PAVEMENT OVERLAY
- PAVEMENT COLD PLANE AREA

NEW WEARING COURSE / PAVEMENT OVERLAY DATA

AREA = 10,680 SY
THICKNESS = 1.5 INCH
TYPE III BITUMINOUS CONCRETE PAVEMENT

CONSTRUCTION NOTES:

1. THE PURPOSE OF THIS PLAN IS TO PRESENT THE LIMITS OF THE PROPOSED WEARING COURSE / PAVEMENT OVERLAY. THE ESTIMATED AREA IS PROVIDED FOR THE CONTRACTOR'S INFORMATION ONLY.

2. THE WEARING COURSE / PAVEMENT OVERLAY AREA, THICKNESS, AND/OR TYPE MAY BE ADJUSTED BY THE OWNER TO REMAIN WITHIN THE PROJECT BUDGET.

3. ALL POTHOLES SHALL BE REPAIRED PRIOR TO PLACEMENT OF THE PAVEMENT OVERLAY.

4. THE EXISTING PAVEMENT AND NEW BASE COURSE PAVEMENT SHALL BE SWEPT PRIOR TO PLACEMENT OF THE WEARING COURSE / OVERLAY PAVEMENT. ALL MATERIAL REMOVED FROM THE PAVED SURFACES SHALL BE COLLECTED AND DISPOSED OF BY THE CONTRACTOR.

5. EMULSIFIED ASPHALT SHALL BE APPLIED ON THE EXISTING PAVEMENT SURFACE AND ON COLD PLANED AREAS. EMULSIFIED ASPHALT SHALL ALSO BE APPLIED TO NEW BASE COURSE PAVEMENT IF THE CONSTRUCTION ACTIVITIES OR EROSION RESULTS IN SOIL BEING DEPOSITED ON THE SURFACE. EMULSIFIED ASPHALT SHALL BE APPLIED TO PAVED SURFACES AT THE RATE OF 0.040 GAL/SY. EMULSIFIED ASPHALT SHALL BE APPLIED TO COLD PLANE SURFACE AT THE RATE OF 0.08 GAL/SY.

6. SEE THE TYPICAL CONSTRUCTION DETAILS AND CONTRACT DOCUMENTS FOR ADDITIONAL INFORMATION.

7. PAYMENT FOR SWEEPING, EMULSIFIED ASPHALT, AND OTHER REQUIRED PREPARATION WORK SHALL BE PAID INCIDENTAL TO THE WEARING COURSE / PAVEMENT OVERLAY ITEM.

POTHOLE REPAIR:

1. THE CONTRACTOR SHALL COMPLETE THE REPAIR OF POTHOLES IN THE EXISTING PAVEMENT WITHIN 2 WEEKS OF THE COMMENCEMENT OF CONSTRUCTION - WELL IN ADVANCE OF PLACING THE WEARING COURSE / PAVEMENT OVERLAY.

2. LOOSE OR CRACKED PAVEMENT AROUND THE PERIMETER OF THE POTHOLE SHALL BE REMOVED. ALL SOIL AND DEBRIS SHALL ALSO BE REMOVED FROM THE BOTTOM OF THE HOLE.

3. THE EXISTING PAVEMENT AND SUBBASE MATERIAL SHALL BE DRY.

4. APPLY EMULSIFIED ASPHALT TO THE SIDES OF THE EXISTING PAVEMENT AND SUBBASE. DO NOT PUDDLE EMULSION IN THE BOTTOM OF THE POTHOLE.

5. PLACE TYPE II BITUMINOUS CONCRETE PAVEMENT IN MAXIMUM UNCOMPACTED 3" THICK LIFTS. COLD PATCH SHALL NOT BE USED.

6. EACH LAYER SHALL BE COMPACTED WITH A VIBRATORY PLATE COMPACTOR OR VIBRATORY ROLLER. THE FINAL LIFT SHALL BE COMPACTED WITH A VIBRATORY ROLLER. THE FINISH GRADE OF THE REPAIRED POTHOLE SHALL BE ABOUT 1/4" ABOVE THE SURROUNDING EXISTING PAVEMENT.

Date	Revision	By

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- ☐ Construction
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MOUNT MANSFIELD MODIFIED UNION SCHOOL DISTRICT
RIVER ROAD JERICHO, VERMONT

PAVEMENT OVERLAY LAYOUT

Project No.	13113
Survey	JKR
Design	ABR/CSU
Drawn	ABR
Checked	DJG
Date	03-28-16
Scale	
Sheet number	2

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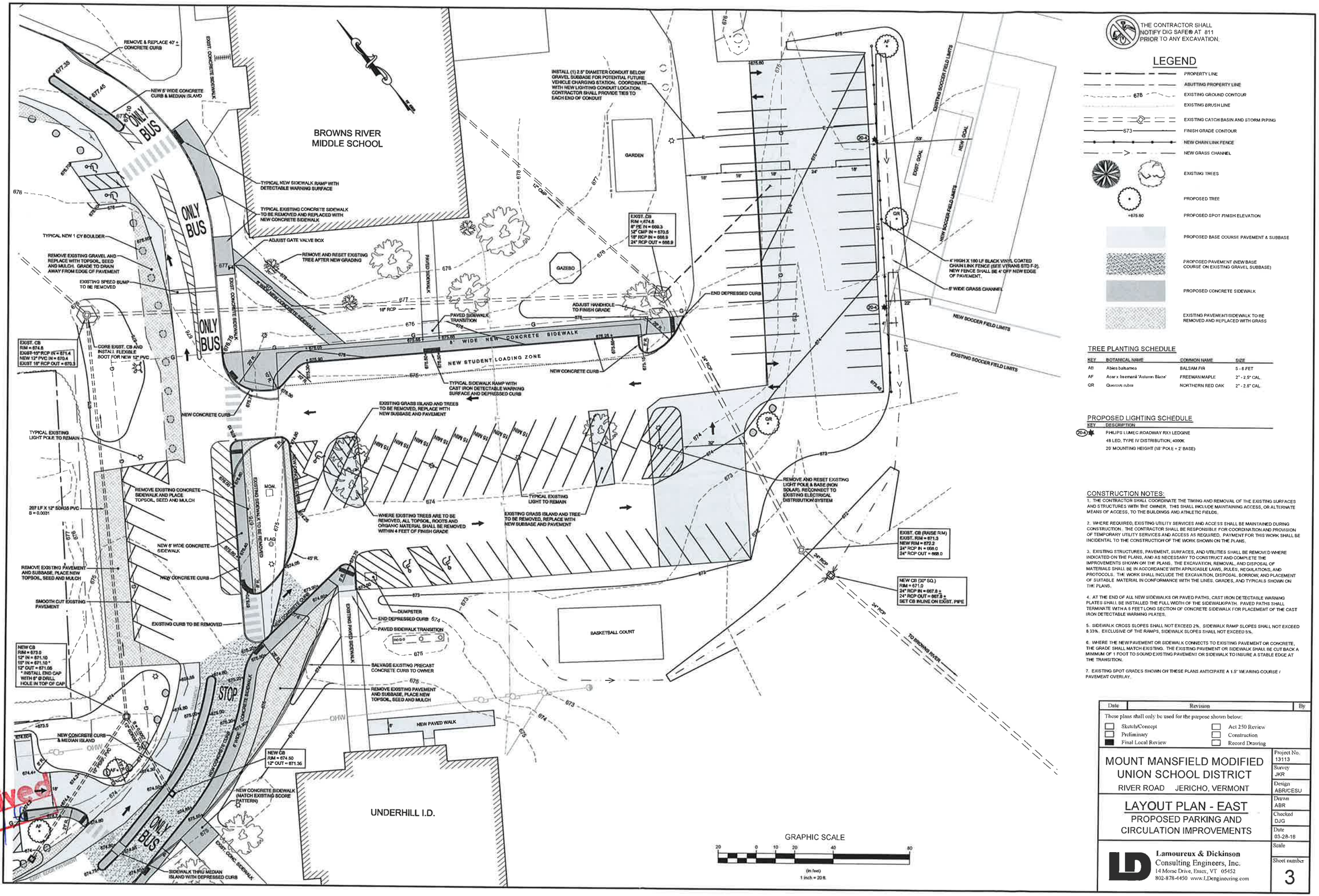

THE CONTRACTOR SHALL NOTIFY DIG SAFE® AT 811 PRIOR TO ANY EXCAVATION.

LEGEND

- PROPERTY LINE
- ABUTTING PROPERTY LINE
- 678 EXISTING GROUND CONTOUR
- EXISTING BRUSH LINE
- EXISTING CATCH BASIN AND STORM PIPING
- 673 FINISH GRADE CONTOUR
- NEW CHAIN LINK FENCE
- NEW GRASS CHANNEL
- EXISTING TREES
- PROPOSED TREE
- +675.60 PROPOSED SPOT FINISH ELEVATION
- PROPOSED BASE COURSE PAVEMENT & SUBBASE
- PROPOSED PAVEMENT (NEW BASE COURSE ON EXISTING GRAVEL SUBBASE)
- PROPOSED CONCRETE SIDEWALK
- EXISTING PAVEMENT/SIDEWALK TO BE REMOVED AND REPLACED WITH GRASS

TREE PLANTING SCHEDULE

KEY	BOTANICAL NAME	COMMON NAME	SIZE
AB	Abies balsamea	BALSAM FIR	5 - 6 FET
AF	Acer x freemanii 'Autumn Blaze'	FREEMAN MAPLE	2" - 2.5" CAL
QR	Quercus rubra	NORTHERN RED OAK	2" - 2.5" CAL

PROPOSED LIGHTING SCHEDULE

KEY	DESCRIPTION
20-4	PHILIPS LUMEC RDWAY RX1 LEDGINE 48 LED, TYPE IV DISTRIBUTION, 4000K 20' MOUNTING HEIGHT (18' POLE + 2' BASE)

CONSTRUCTION NOTES:

1. THE CONTRACTOR SHALL COORDINATE THE TIMING AND REMOVAL OF THE EXISTING SURFACES AND STRUCTURES WITH THE OWNER. THIS SHALL INCLUDE MAINTAINING ACCESS, OR ALTERNATE MEANS OF ACCESS, TO THE BUILDINGS AND ATHLETIC FIELDS.

2. WHERE REQUIRED, EXISTING UTILITY SERVICES AND ACCESS SHALL BE MAINTAINED DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION AND PROVISION OF TEMPORARY UTILITY SERVICES AND ACCESS AS REQUIRED. PAYMENT FOR THIS WORK SHALL BE INCIDENTAL TO THE CONSTRUCTION OF THE WORK SHOWN ON THE PLANS.

3. EXISTING STRUCTURES, PAVEMENT, SURFACES, AND UTILITIES SHALL BE REMOVED WHERE INDICATED ON THE PLANS, AND AS NECESSARY TO CONSTRUCT AND COMPLETE THE IMPROVEMENTS SHOWN ON THE PLANS. THE EXCAVATION, REMOVAL, AND DISPOSAL OF MATERIALS SHALL BE IN ACCORDANCE WITH APPLICABLE LAWS, RULES, REGULATIONS, AND PROTOCOLS. THE WORK SHALL INCLUDE THE EXCAVATION, DISPOSAL, BORROW, AND PLACEMENT OF SUITABLE MATERIAL IN CONFORMANCE WITH THE LINES, GRADES, AND TYPICALS SHOWN ON THE PLANS.

4. AT THE END OF ALL NEW SIDEWALKS OR PAVED PATHS, CAST IRON DETECTABLE WARNING PLATES SHALL BE INSTALLED THE FULL WIDTH OF THE SIDEWALK/PATH. PAVED PATHS SHALL TERMINATE WITH A 5 FEET LONG SECTION OF CONCRETE SIDEWALK FOR PLACEMENT OF THE CAST IRON DETECTABLE WARNING PLATES.

5. SIDEWALK CROSS SLOPES SHALL NOT EXCEED 2%. SIDEWALK RAMP SLOPES SHALL NOT EXCEED 8.33%. EXCLUSIVE OF THE RAMPS, SIDEWALK SLOPES SHALL NOT EXCEED 5%.

6. WHERE THE NEW PAVEMENT OR SIDEWALK CONNECTS TO EXISTING PAVEMENT OR CONCRETE, THE GRADE SHALL MATCH EXISTING. THE EXISTING PAVEMENT OR SIDEWALK SHALL BE CUT BACK A MINIMUM OF 1 FOOT TO SOUND EXISTING PAVEMENT OR SIDEWALK TO INSURE A STABLE EDGE AT THE TRANSITION.

7. EXISTING SPOT GRADES SHOWN ON THESE PLANS ANTICIPATE A 1.5" WEARING COURSE / PAVEMENT OVERLAY.

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- ☐ Construction
- ☐ Record Drawing

MOUNT MANSFIELD MODIFIED UNION SCHOOL DISTRICT

RIVER ROAD JERICHO, VERMONT

LAYOUT PLAN - EAST

PROPOSED PARKING AND CIRCULATION IMPROVEMENTS

Project No.	13113
Survey	JKR
Design	ABR/CESU
Drawn	ABR
Checked	DJG
Date	03-28-16
Scale	
Sheet number	3

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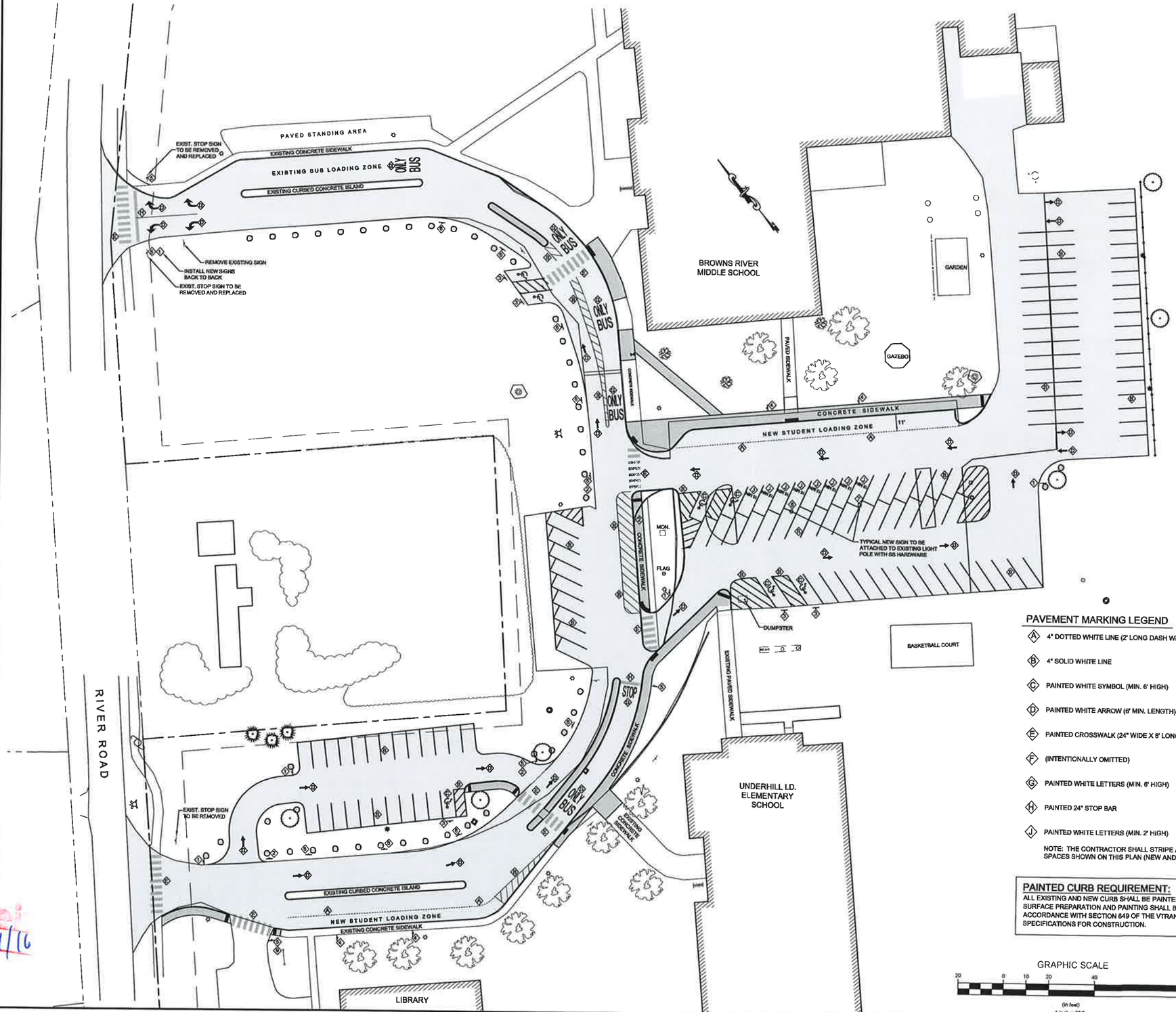

NEW SIGN LEGEND

1	R5-1, 30" X 30"	DO NOT ENTER
2	R6-1, 36" X 12"	ONE WAY (R6-1R OR R6-1L AS REQUIRED)
3	R7-8, 12" X 18"	RESERVED PARKING / VAN ACCESSIBLE (R7-8A, 12" X 6" AT LEAST ONE SPACE PER BUILDING)
4	CUSTOM, 24" X 30"	PULL FORWARD STUDENT DROP OFF / DRIVER MUST REMAIN IN VEHICLE
5	R1-1, 30" X 30"	STOP
6	R8-3 MODIFIED 12" X 18"	ANY TIME
7	12" X 18"	15 MINUTE PARKING →
8	12" X 18"	15 MINUTE PARKING ↔
9	R3-2 24" X 24"	

PAVEMENT MARKING LEGEND

- (A) 4" DOTTED WHITE LINE (2' LONG DASH WITH 4' SPACE)
- (B) 4" SOLID WHITE LINE
- (C) PAINTED WHITE SYMBOL (MIN. 6' HIGH)
- (D) PAINTED WHITE ARROW (6' MIN. LENGTH)
- (E) PAINTED CROSSWALK (24" WIDE X 8' LONG WITH 24" SPACE)
- (F) (INTENTIONALLY OMITTED)
- (G) PAINTED WHITE LETTERS (MIN. 6' HIGH)
- (H) PAINTED 24" STOP BAR
- (J) PAINTED WHITE LETTERS (MIN. 2' HIGH)

NOTE: THE CONTRACTOR SHALL STRIPE ALL PARKING SPACES SHOWN ON THIS PLAN (NEW AND EXISTING)

PAINTED CURB REQUIREMENT:
ALL EXISTING AND NEW CURB SHALL BE PAINTED YELLOW. SURFACE PREPARATION AND PAINTING SHALL BE IN ACCORDANCE WITH SECTION 649 OF THE VTRANS STANDARD SPECIFICATIONS FOR CONSTRUCTION.

GRAPHIC SCALE
20 0 10 20 40 80
(in feet)
1 inch = 20 ft.

SIGN NOTES:
1. UNLESS OTHERWISE NOTED, ALL NEW SIGNS SHALL BE INSTALLED ON NEW SQUARE STEEL POSTS IN ACCORDANCE WITH VTRANS STANDARD DETAILS E-121 & E-164
2. WHERE THE PROPOSED IMPROVEMENTS AND NEW SIGNS CONFLICT WITH, OR REPLACE EXISTING SIGNS, THE EXISTING SIGNS AND POSTS SHALL BE REMOVED.

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MOUNT MANSFIELD MODIFIED UNION SCHOOL DISTRICT
RIVER ROAD JERICHO, VERMONT

SIGNS & PAVEMENT MARKINGS

Project No.	13113
Survey	JKR
Design	ABR/CESU
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Date	03-28-16
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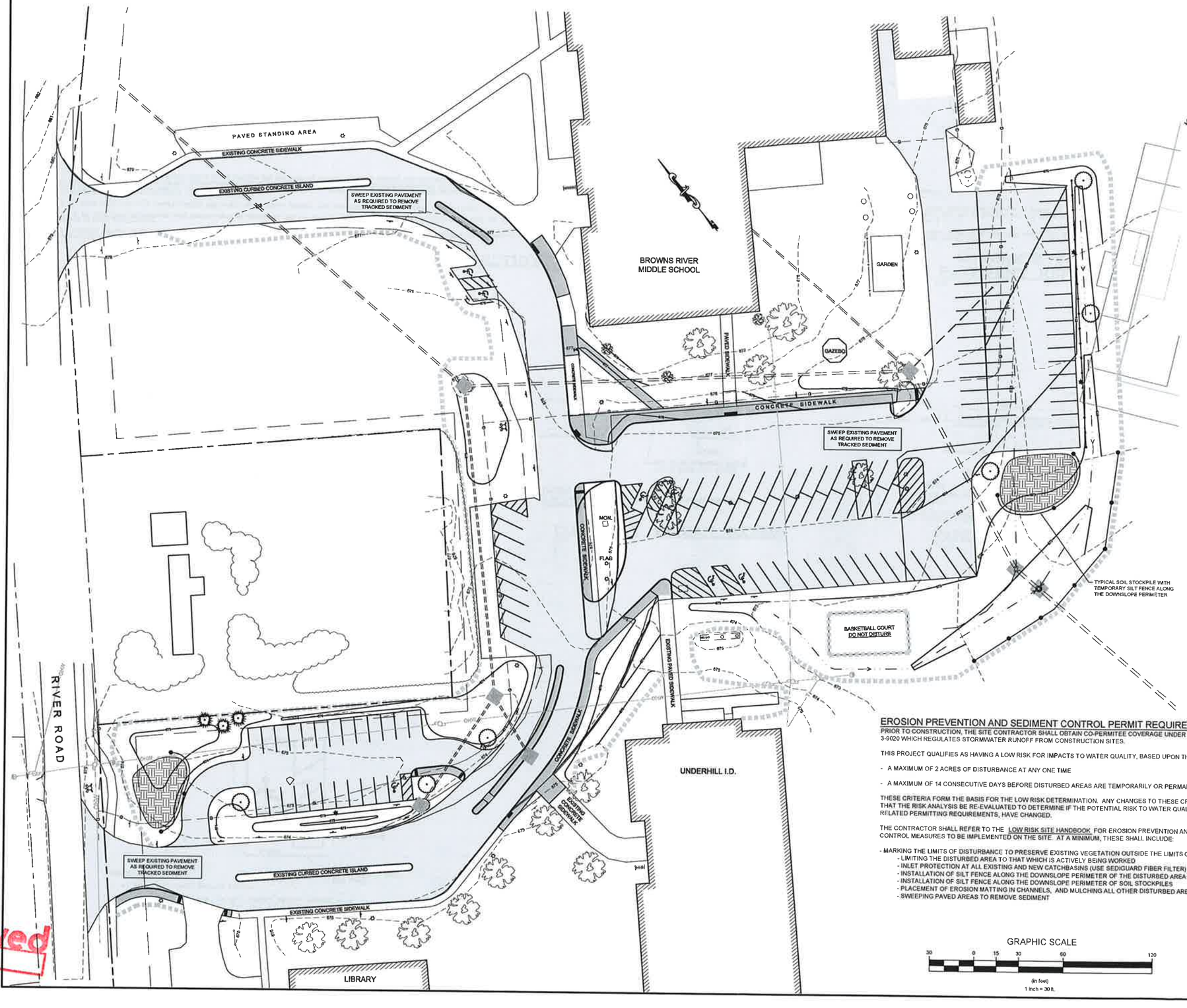
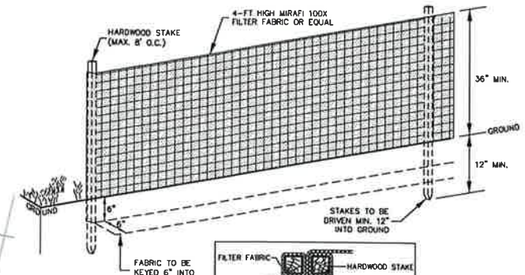




NOTES
1) USE ONLY MANUAL METHODS OF INSTALLATION AND CLEANING WITHIN WETLAND AND BUFFER ZONE.

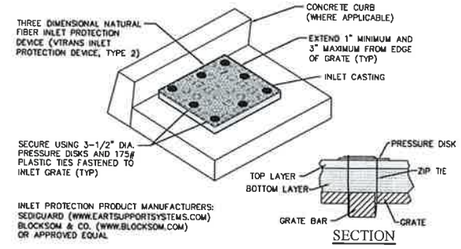
2) PRIOR TO BEGINNING OF CONSTRUCTION OR EARTHMOVING, THE CONTRACTOR SHALL INSTALL A CONTINUOUS SILT FENCE AT THE LIMIT OF DISTURBANCE SHOWN ON THE SITE PLAN.

3) FROZEN MATERIAL SHALL NOT BE USED TO KEY IN THE BOTTOM OF THE SILT FENCE. IF NECESSARY, GRANULAR BORROW SHALL BE USED BY THE CONTRACTOR TO KEY IN THE SILT FENCE RATHER THAN FROZEN NATIVE MATERIAL.

4) THE CONTRACTOR SHALL INSTALL SILT FENCE AROUND THE PERIMETER OF TOPSOIL STOCKPILES AND AT OTHER LOCATIONS AS NEEDED.

TEMPORARY SILT FENCE

NTS



INLET PROTECTION PRODUCT MANUFACTURERS:
SEDIGUARD (WWW.EARTSUPPORTSYSTEMS.COM)
BLOCKSOM & CO. (WWW.BLOCKSOM.COM)
OR APPROVED EQUAL

SECTION

INLET PROTECTION

EPSC LEGEND

- LIMITS OF DISTURBANCE
- SILT FENCE
- NEW PAVEMENT OR WALK
- CB INLET PROTECTION

EROSION PREVENTION AND SEDIMENT CONTROL PERMIT REQUIREMENTS

PRIOR TO CONSTRUCTION, THE SITE CONTRACTOR SHALL OBTAIN CO-PERMITEE COVERAGE UNDER GENERAL PERMIT 3-9020 WHICH REGULATES STORMWATER RUNOFF FROM CONSTRUCTION SITES.

THIS PROJECT QUALIFIES AS HAVING A LOW RISK FOR IMPACTS TO WATER QUALITY, BASED UPON THE FOLLOWING:

- A MAXIMUM OF 2 ACRES OF DISTURBANCE AT ANY ONE TIME
- A MAXIMUM OF 14 CONSECUTIVE DAYS BEFORE DISTURBED AREAS ARE TEMPORARILY OR PERMANENTLY STABILIZED.

THESE CRITERIA FORM THE BASIS FOR THE LOW RISK DETERMINATION. ANY CHANGES TO THESE CRITERIA REQUIRE THAT THE RISK ANALYSIS BE RE-EVALUATED TO DETERMINE IF THE POTENTIAL RISK TO WATER QUALITY, AND THE RELATED PERMITTING REQUIREMENTS, HAVE CHANGED.

THE CONTRACTOR SHALL REFER TO THE LOW RISK SITE HANDBOOK FOR EROSION PREVENTION AND SEDIMENT CONTROL MEASURES TO BE IMPLEMENTED ON THE SITE. AT A MINIMUM, THESE SHALL INCLUDE:

- MARKING THE LIMITS OF DISTURBANCE TO PRESERVE EXISTING VEGETATION OUTSIDE THE LIMITS OF CONSTRUCTION
  - LIMITING THE DISTURBED AREA TO THAT WHICH IS ACTIVELY BEING WORKED
  - INLET PROTECTION AT ALL EXISTING AND NEW CATCHBASINS (USE SEDIGUARD FIBER FILTER)
  - INSTALLATION OF SILT FENCE ALONG THE DOWNSLOPE PERIMETER OF THE DISTURBED AREA
  - INSTALLATION OF SILT FENCE ALONG THE DOWNSLOPE PERIMETER OF SOIL STOCKPILES
  - PLACEMENT OF EROSION MATTING IN CHANNELS, AND MULCHING ALL OTHER DISTURBED AREAS
  - SWEEPING PAVED AREAS TO REMOVE SEDIMENT

GRAPHIC SCALE

30 0 15 30 60 120

(in feet)
1 inch = 30 ft.

received
9/4/16

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MOUNT MANSFIELD MODIFIED UNION SCHOOL DISTRICT
RIVER ROAD JERICHO, VERMONT

EROSION PREVENTION & SEDIMENT CONTROL PLAN

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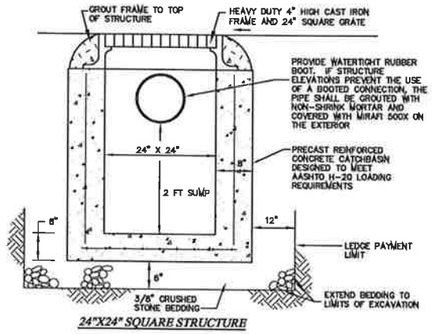
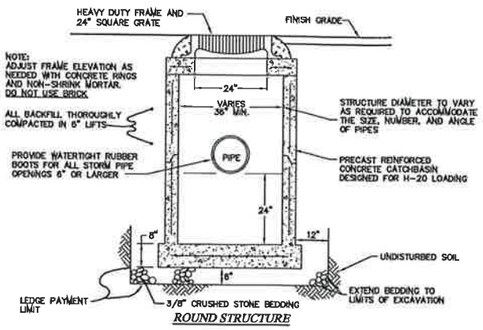


24"X24" SQUARE STRUCTURE

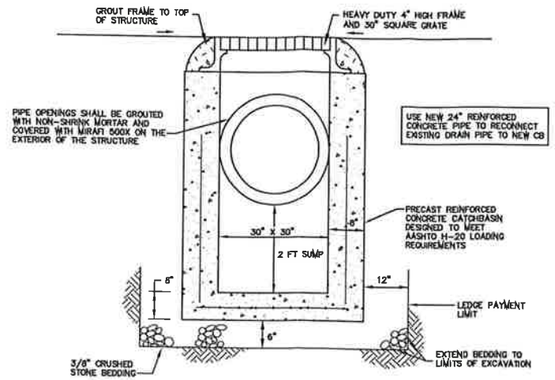


ROUND STRUCTURE

NOTE:
1. CERTAIN CATCHBASINS MAY REQUIRE THE USE OF A 24"X24" SQUARE STRUCTURE BASED UPON THE VERTICAL DIFFERENCE BETWEEN THE RIM AND INVERT ELEVATIONS. OTHERWISE, THE CONTRACTOR MAY SELECT EITHER STRUCTURE THAT WILL ACCOMMODATE THE NUMBER, SIZE, AND ORIENTATION OF PIPE OPENINGS.
2. INVERTED STRUCTURES MAY BE USED WHERE REQUIRED TO ACHIEVE THE REQUIRED DESIGN ELEVATIONS.
3. THE CONTRACTOR WILL BE RESPONSIBLE FOR KEEPING CATCH BASINS CLEAN AND FREE OF SEDIMENT AND DEBRIS DURING CONSTRUCTION.

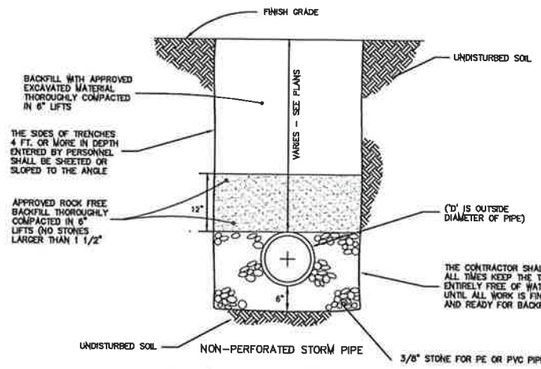
TYPICAL CATCHBASIN

NTS



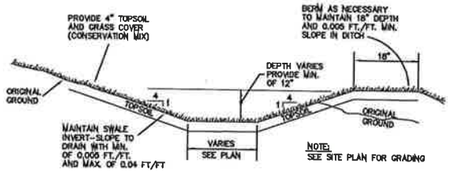
CATCHBASIN (30"X30")

NTS



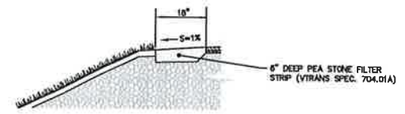
TYPICAL STORM TRENCH

NTS



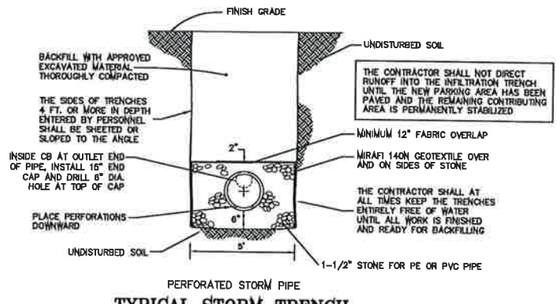
TYPICAL GRASS CHANNEL

NTS



PEA STONE PRE-TREATMENT FILTER STRIP

NTS



TYPICAL STORM TRENCH

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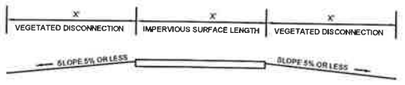

1. SLOPE LAND AWAY FROM IMPERVIOUS SURFACES AT 5% OR LESS.
2. LENGTH OF 5% (OR LESS) VEGETATED DISCONNECTION SHALL BE EQUAL TO OR GREATER THAN THE CONTRIBUTING IMPERVIOUS SURFACE LENGTH.
3. THE ENTIRE DISCONNECTION LENGTH SHALL BE VEGETATED.
4. MAXIMUM CONTRIBUTING FLOW PATH FROM IMPERVIOUS SURFACES SHALL BE 75 FEET.
5. LENGTH OF DISCONNECTION SHALL BE EQUAL TO OR GREATER THAN CONTRIBUTING LENGTH.

NON-ROOFTOP DISCONNECTION

NTS

Date	Revision	By

These plans shall only be used for the purpose shown below:

- ☐ Sketch/Concept
- ☐ Preliminary
- ■ Final Local Review
- ☐ Act 250 Review
- ☐ Construction
- ☐ Record Drawing

MOUNT MANSFIELD MODIFIED UNION SCHOOL DISTRICT
RIVER ROAD JERICHO, VERMONT

STORMWATER DETAILS & SPECIFICATIONS

Project No.	13113
Survey	JKR
Design	ABR/CESU
Drawn	ABR
Checked	DJG
Date	03-28-16
Scale	
Sheet number	8

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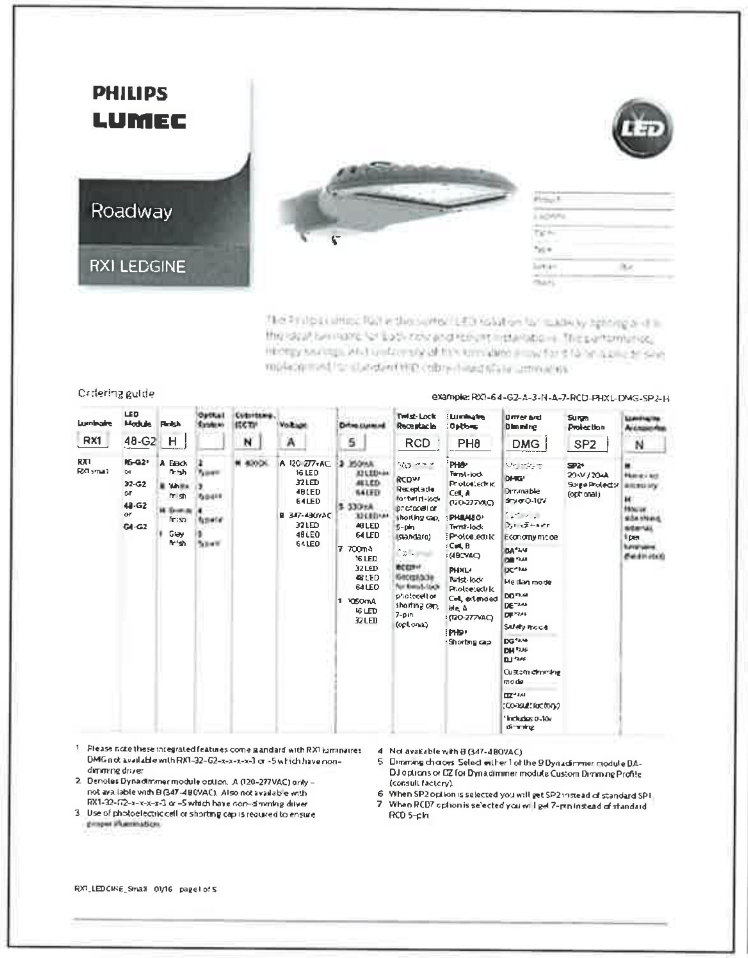
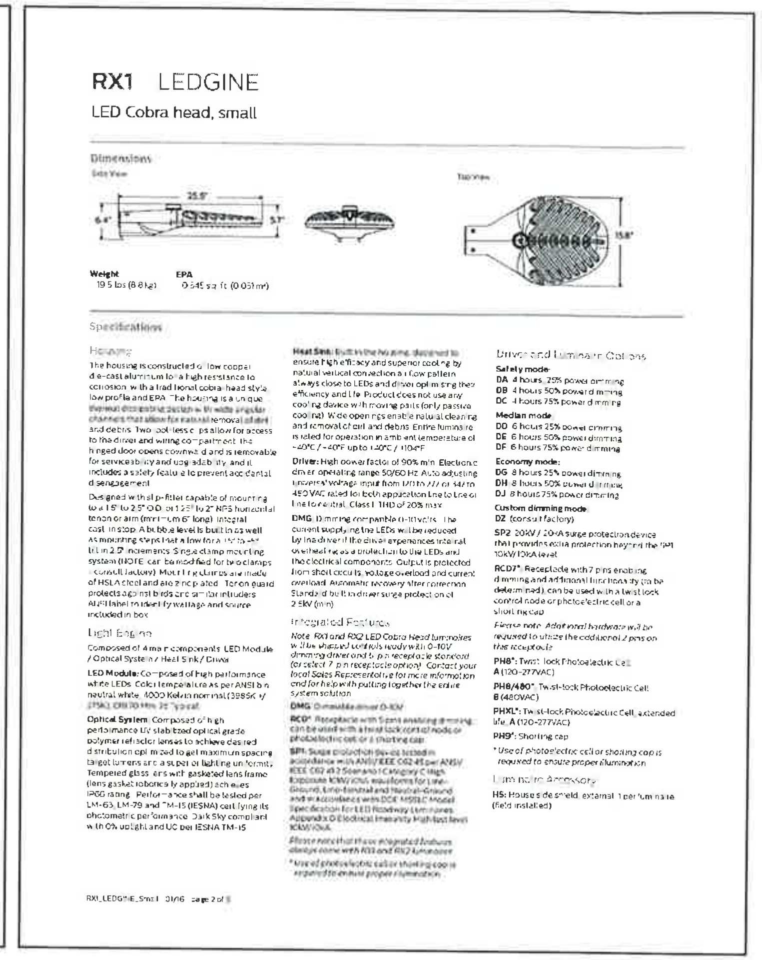
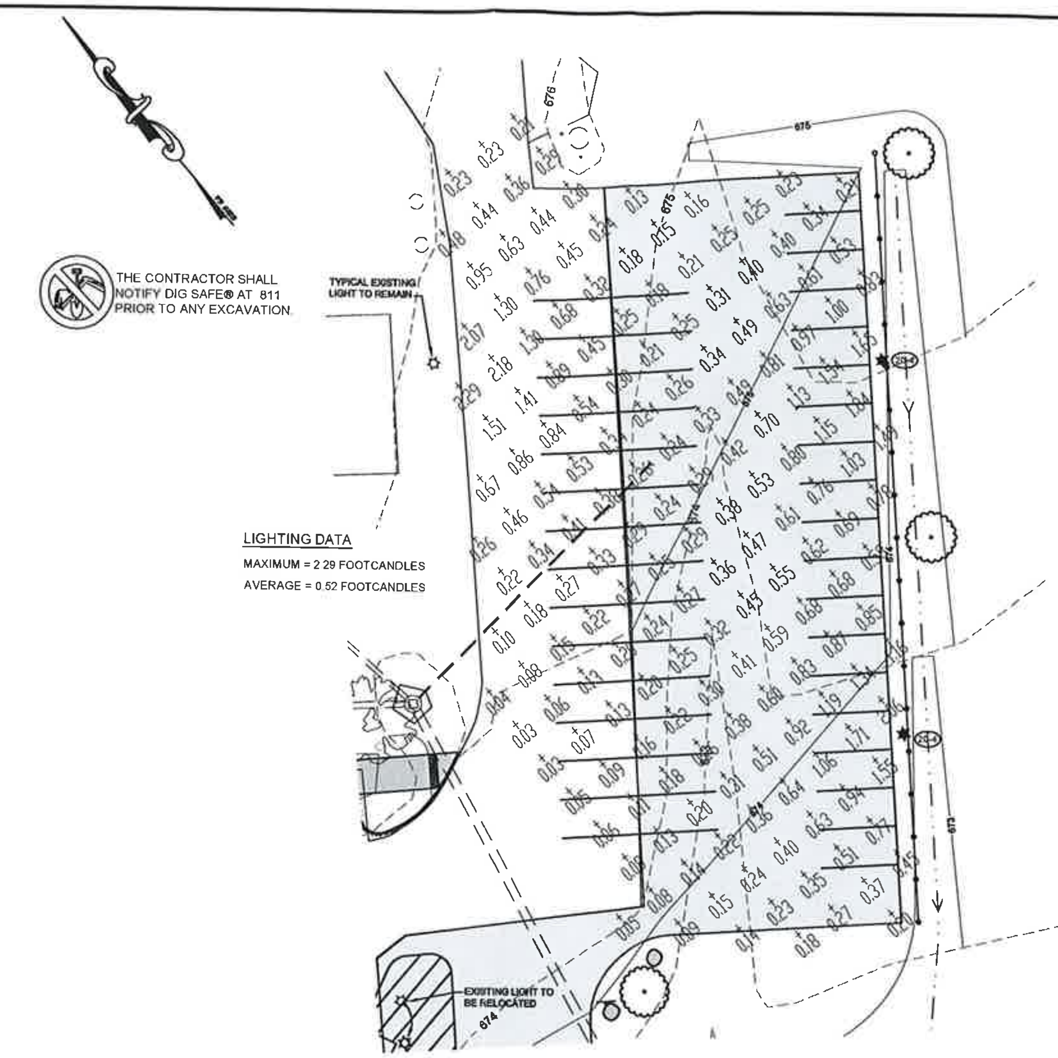
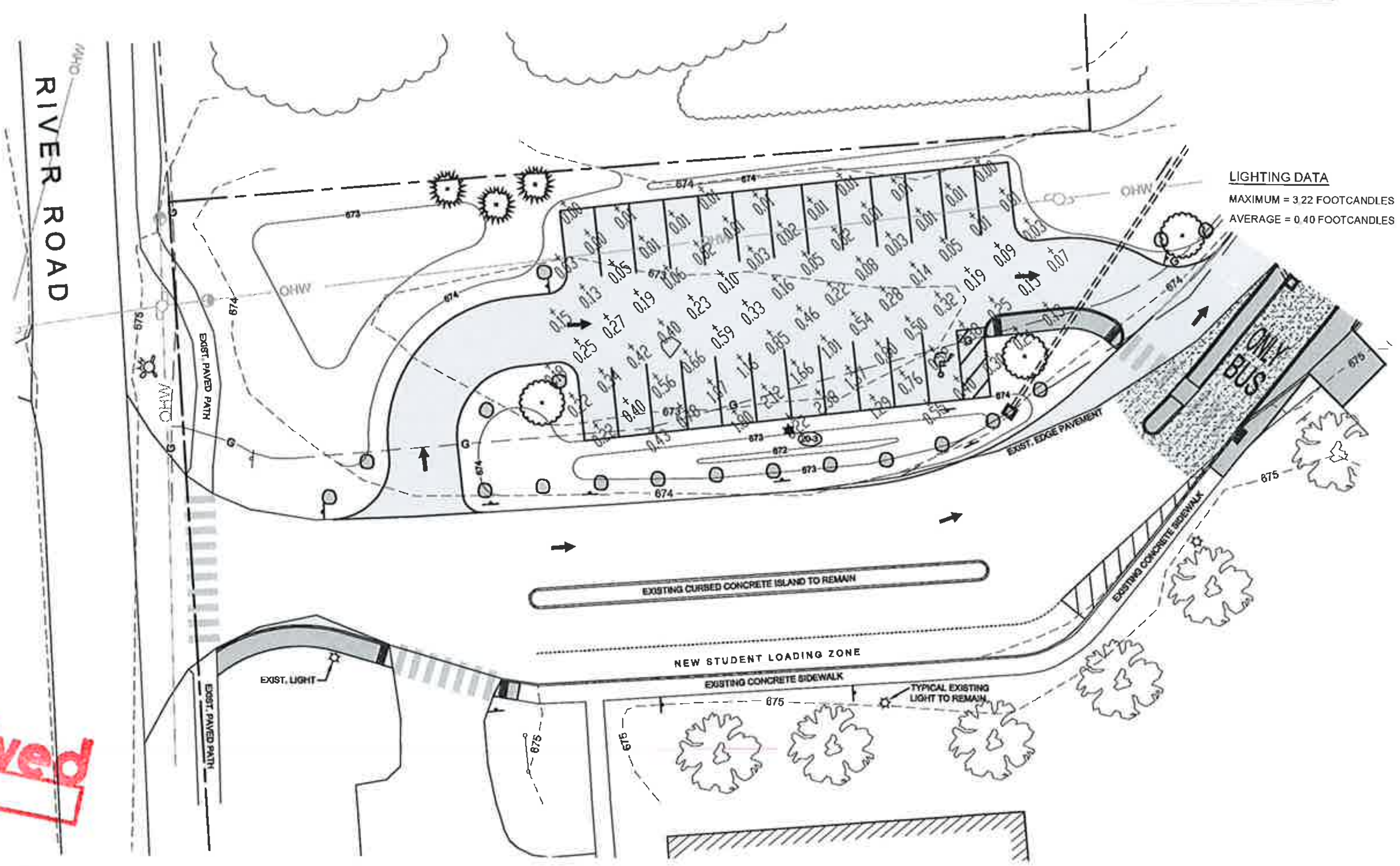
14 Morse Drive, Essex, VT 05452
802-878-4450 www.LDengineering.com









received 4/4/16

LIGHTING SCHEDULE

KEY	DESCRIPTION
20-3	PHILIPS LUMEC ROADWAY RX1 LEDGINE 48 LED, TYPE 3 DISTRIBUTION, 4000K 20 MOUNTING HEIGHT (18' POLE + 2' BASE)

LIGHTING SCHEDULE

KEY	DESCRIPTION
20-4	PHILIPS LUMEC ROADWAY RX1 LEDGINE 48 LED, TYPE 4 DISTRIBUTION, 4000K 20 MOUNTING HEIGHT (18' POLE + 2' BASE)

GRAPHIC SCALE

20 0 10 20 40 80

(in feet)
1 inch = 20 ft.

Date	Revision	By

These plans shall only be used for the purpose shown below:

- [ ] Sketch/Concept
- [ ] Preliminary
- [x] Final Local Review
- [ ] Act 250 Review
- [ ] Construction
- [ ] Record Drawing

MOUNT MANSFIELD MODIFIED UNION SCHOOL DISTRICT

RIVER ROAD JERICHO, VERMONT

PROPOSED LIGHTING ILLUMINATION PLAN

Project No.	13113
Survey	JKR
Design	ABR/CESU
Drawn	ABR
Checked	DJG
Date	03-28-16
Scale	1" = 20'
Sheet number	L

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